

APPENDIX A

WATER POLLUTION CONTROL REPORT (PERMIT NEV88039), THIRD QUARTER 1999

Water Pollution Control Report  
Third Quarter 1999

Permit NEV88039

Arimetco Yerington/MacArthur Mine

General

The Yerington Mine continued on a care and maintenance basis during the third quarter 1999. During the quarter we did not receive any environmental complaints. The plant flows have dropped from 1,800 gpm to 1,400 gpm. The pH of the raffinate and PLS solutions is 2.5. We are continuing to pump solutions to all three of the active pads, VLT, Slot and 4X. Emphasis is being placed on site clean up while continuing with the care and maintenance of the Yerington site.

There are seven leak detectors that reported some leakage during the quarter. Two of those detectors SPM-2, and IIFX were in compliance during the quarter. Five detectors were out of compliance for the entire quarter, they are the Mega pond, North Slot pond, Raff 2 pond, IIF-1 and IIF-2 ditch detectors. Leakage rates continued to drop when compared to second quarter 1999. The improvements are most likely due to reductions in overall solution volumes and flows.

The Project Manager Mr. Joe Sawyer is responsible for the environmental duties at the Yerington site. Mr. Dennis Dalton (mining consultant) is available to assist in the environmental activities on an as needed basis.

Analyses

Monitor well sample analyses for Profile I constituents were conducted on samples from MW-1, MW-2, MW-4, MW-5, WW-1, WW-2, WW-2B, WW-10, and MMW-2. Profile II analyses were conducted on process solutions, pregnant leach solution (PLS) and raffinate. PLS was collected from the VLT inlet at the feed pond, the Slot inlet at the feed pond, the FX inlet at the feed pond, and the mixing point from the feed pond at the SX plant. Raffinate was collected at the SX where it is mixed prior to being pumped to the pad areas.

Col-Tech EnviroLabs, Inc. performed the analytical work. Copies of the sample results are appended to this report. Chain of Custody documentation is also included with this report, Appendix 2.

Summary of profile I and II sampling contained in Appendix 2

Monitoring Wells (Profile I)

MW-1  
MW-2  
MW-4  
MW-5

Anaconda wells -WW's (Profile I)

WW-1 East of Slot Pond I  
WW-2 North of Slot Pond 2  
WW-10 North of the Main Industrial Area  
WW-36A Main Production Well (annually, second quarter)

Yerington Pit Lake (Profile I)

Sampled annually in the second quarter

MacArthur Production and Monitoring Well MMW-2 (Profile I)

MMW-2 MacArthur Wash Area, production and monitoring well  
(monitoring of MMW-2 tests the groundwater quality  
down gradient of the MacArthur open pit. The pit is dry  
and does not intercept the groundwater.)

Raffinate and PLS solutions (profile II)

SX-RAF, SX Plant, mixing point before distribution  
SX-PLS, SX Plant, mixing point for VLT and SLOT solutions  
VLT-PLS, Outlet pipe from VLT area into the Feed Pond  
SLOT-PLS, Outlet pipe from the SLOT area into the Feed Pond  
FX-PLS, Outlet pipe from the FX area into the Feed Pond

Summary of Nevada Water Panels per request for Lyon County Special Use Permit,  
contained in Appendix 2

Lunsford - sample taken and analyzed by Col-Tech EnviroLabs, Inc.  
Stephens - sample taken and analyzed by Col-Tech EnviroLabs, Inc.  
Wubbenhorst - sample taken and analyzed by Col-Tech EnviroLabs, Inc.

Precipitation

Appendix 3 contains Climatological Observations from Lyon County Sheriff's  
Department for the months of April, May and June

### Leak Detection Systems

The leak detection system is fully functional with pumps and meters installed at most locations. The systems are read a minimum of once per week. Monitoring results are tabulated in Appendix 1 along with a progress report. Automatic systems are:

*VLT Area* - - VLT-P1, VLT-P2, VLT-D1 and VLT-D2;

*Slot Area* - - SPM1, SPM2, SPM3 and SDM1;

*Mega Pond Area* - PLS III X, IIIFX, and IIIF2; and IIIXN;

*SX Area* - - RF-1 and RF-2.

Monitors that require a generator are:

*VLT Area* - - VLT-D3;

*Slot Area* - - SDM4, SDM2 and SDM3;

*SX Area* (manual recovery only) - - SP, PLS and OT-A and OT-B.

*Vadose zone* monitoring ports; Phase I monitoring ports P-1, P-2 and Mega pond area MP-1 and MP-2 were all dry during this quarter. Monitoring wells for MacArthur were also checked. MMW-1 located in the Mason Pass Wash was dry. Monitoring well MMW-2 was pumped and the results of the sampling are included in this report.

### Pipe-in-Pipe Leak Detectors

Three pipe-in-pipe leak detectors are utilized at the Yerington site. One services the Phase I & II (Pad A) leach heap, a second services the discharge line at the main raffinate pond RF-2, and the third services the discharge line at the Mega Pond. All of the pipe-in-pipe monitors were dry throughout the quarter.

### Spill and Releases

During third quarter there was one class one spill which consisted of 300 gallons of dilute raffinate. The details are reported in Appendix 4.

### Waste Rock/Overburden

No waste rock was generated at the MacArthur or Yerington Mine site.

### Mining

The MacArthur and Yerington mines were inactive during the quarter. Resumption of active mining at the MacArthur Pit and Yerington site is dependent on the price of copper, and financial restructuring of the property, possibly under new ownership.

# **APPENDIX 1**

**THIRD QUARTER 1999 LEAK DETECTION MONITORING  
RESULTS**

## **PROGRESS REPORT FOR MONITORING OF PROCESS FLUID SYSTEM THIRD QUARTER 1999**

All of the leak detectors were operational during the third quarter of 1999. At a minimum they are all checked on a weekly basis. Maintenance on the detector piping, meters and pumps is performed as needed. The mine normally keeps on hand a complete supply of spare parts for the leak detector systems.

### **VLT PAD**

The VLT pond and ditch monitors were in compliance with both annual and quarterly permit limits.

### **SLOT PAD**

At the Slot all four ditch monitors showed zero leakage. SPM-2 had less than 5 gallons of leakage during the quarter. The SPM-3 pond continues leak on average about 700 gallons per day.

### **MEGA POND AND PHASE II PAD**

The Mega pond (PLS-III X) continues to leak between 150 gpd to 2,260 gpd. The total leakage dropped by nearly 50% from the previous quarter. We are protecting the wind damaged areas by weighting the torn liner down with tires. Prior to start up of any new mining operations the Mega pond will be replaced by a new FX pond. All other leak detectors at the phase II pad and Mega pond area were dry during the quarter.

### **FX PHASE III PAD**

The two leak detectors at the south east corner of the FX pad (III F1 and III F2) continued to produce between 30 and 180 gpd. III F X had a total of 56.39 gallons for the quarter and has not shown any leakage since July 16th.

### **PLANT AREA**

The RF 2 pond leaked between 70 to 900 gallons per day. The total leakage was about 24% less than the previous quarter. The rest of the detectors in the plant area had shown no leakage during the quarter.

### **PHASE I PAD**

All the leak detectors in the phase I pad area showed no signs of leakage during the quarter.

3rd QTR 99

**PAD 1, P-1 Field Data and Permit Compliance Record**  
 Vadose Zone Monitoring

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
|         |        |               |                   |                  | N/A             |           |                              | N/A             |           |
| 6/14/99 |        |               |                   |                  |                 |           |                              |                 |           |
| 7/16/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 8/17/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 9/13/99 | 0.00   | 0.0           | 27                | 0.0              |                 | Y         | 0.0                          |                 | Y         |

**PAD 1, P-2 Field Data and Permit Compliance Record**  
 Vadose Zone Monitoring

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
|         |        |               |                   |                  | N/A             |           |                              | N/A             |           |
| 6/14/99 |        | 0.0           |                   |                  |                 |           |                              |                 |           |
| 7/16/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 8/17/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 9/13/99 | 0.00   | 0.0           | 27                | 0.0              |                 | Y         | 0.0                          |                 | Y         |

**MP-1 Field Data and Permit Compliance Record**  
 Vadose Zone Monitoring

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
|         |        |               |                   |                  | N/A             |           |                              | N/A             |           |
| 6/14/99 |        | 0.0           |                   |                  |                 |           |                              |                 |           |
| 7/16/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 8/17/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 9/13/99 | 0.00   | 0.0           | 27                | 0.0              |                 | Y         | 0.0                          |                 | Y         |

**MP-2 Field Data and Permit Compliance Record**  
 Vadose Zone Monitoring

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
|         |        |               |                   |                  |                 |           |                              |                 |           |
| 6/14/99 |        | 0.0           |                   |                  |                 |           |                              |                 |           |
| 7/16/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 8/17/99 | 0.00   | 0.0           | 32                | 0.0              |                 | Y         | 0.0                          |                 | Y         |
| 9/13/99 | 0.00   | 0.0           | 27                | 0.0              |                 | Y         | 0.0                          |                 | Y         |

3rd QTR 99

## SPM-1 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 6/29/99 |        | 0.0           |                   |                  | 150 GPD         |           |                              | 50 GPD          |           |
| 7/6/99  | 0.00   | 0.0           | 7                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 7/16/99 | 0.00   | 0.0           | 10                | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |
| 9/29/99 | 0.00   | 0.0           | 7                 | 0.0              | 150 GPD         | Y         | 0.0                          | 50 GPD          | Y         |

## SPM-2 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 6/29/99 |        | 100.9         |                   |                  | 150 GPD         |           |                              | 50 GPD          |           |
| 7/6/99  | 0.43   | 101.3         | 7                 | 0.1              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 7/16/99 | 0.00   | 101.3         | 10                | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 7/20/99 | 0.30   | 101.6         | 4                 | 0.1              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 7/26/99 | 0.63   | 102.3         | 6                 | 0.1              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 7/30/99 | 0.00   | 102.3         | 4                 | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 8/3/99  | 0.00   | 102.3         | 4                 | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 8/12/99 | 0.71   | 103.0         | 9                 | 0.1              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 8/17/99 | 0.13   | 103.1         | 5                 | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 8/27/99 | 1.46   | 104.6         | 10                | 0.1              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 9/1/99  | 0.89   | 105.6         | 5                 | 0.2              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 9/8/99  | 0.00   | 105.6         | 7                 | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 9/13/99 | 0.63   | 106.1         | 5                 | 0.1              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 9/22/99 | 0.00   | 106.1         | 9                 | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |
| 9/29/99 | 0.00   | 106.1         | 7                 | 0.0              | 150 GPD         | Y         | 0.3                          | 50 GPD          | Y         |



3rd QTR 99

## SPM-3 Field Data and Permit Compliance Record

| DATE    | AMOUNT   | CUM<br>AMOUNT | NUMBER<br>No. DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|----------|---------------|--------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |          |               |                    |                  | QUARTER         |           |                              | ANNUAL          |           |
| 5/29/99 |          | 220462.1      |                    |                  | 150 GPD         |           |                              | 50 GPD          |           |
| 7/6/99  | 3043.30  | 223505.4      | 7                  | 434.8            | 150 GPD         | N         | 612.3                        | 50 GPD          | N         |
| 7/16/99 | 2063.40  | 225568.8      | 10                 | 206.3            | 150 GPD         | N         | 618.0                        | 50 GPD          | N         |
| 7/20/99 | 653.60   | 226222.4      | 4                  | 163.4            | 150 GPD         | N         | 619.8                        | 50 GPD          | N         |
| 7/23/99 | 542.50   | 226764.9      | 3                  | 180.8            | 150 GPD         | Y         | 621.3                        | 50 GPD          | N         |
| 7/26/99 | 788.90   | 227553.8      | 3                  | 263.0            | 150 GPD         | N         | 623.4                        | 50 GPD          | N         |
| 7/30/99 | 1135.30  | 228689.1      | 4                  | 283.8            | 150 GPD         | N         | 626.5                        | 50 GPD          | N         |
| 8/3/99  | 1838.40  | 230027.5      | 4                  | 334.6            | 150 GPD         | N         | 630.2                        | 50 GPD          | N         |
| 8/12/99 | 4194.10  | 234221.6      | 9                  | 466.0            | 150 GPD         | N         | 641.7                        | 50 GPD          | N         |
| 8/17/99 | 2559.60  | 236781.2      | 5                  | 511.9            | 150 GPD         | N         | 648.7                        | 50 GPD          | N         |
| 8/27/99 | 4066.40  | 240847.6      | 10                 | 406.6            | 150 GPD         | N         | 659.9                        | 50 GPD          | N         |
| 9/1/99  | 14985.70 | 255833.3      | 5                  | 2997.1           | 150 GPD         | N         | 700.9                        | 50 GPD          | N         |
| 9/8/99  | 8026.30  | 263859.6      | 7                  | 1146.6           | 150 GPD         | N         | 722.9                        | 50 GPD          | N         |
| 9/13/99 | 8435.90  | 272295.5      | 5                  | 1687.2           | 150 GPD         | N         | 746.0                        | 50 GPD          | N         |
| 9/22/99 | 9953.10  | 282248.6      | 9                  | 1105.9           | 150 GPD         | N         | 773.3                        | 50 GPD          | N         |
| 9/29/99 | 2915.20  | 285163.8      | 7                  | 416.5            | 150 GPD         | N         | 781.3                        | 50 GPD          | N         |

\* Pond filled due to plant shut down.

3rd QTR 99

## SDM-1 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 5/29/99 |        | 6190.7        |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 6190.7        | 7                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 7/16/99 | 0.00   | 6190.7        | 10                | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 6190.7        | 4                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 6190.7        | 6                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 6190.7        | 4                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 6190.7        | 4                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 6190.7        | 9                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 6190.7        | 5                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 6190.7        | 10                | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | N         |
| 9/1/99  | 0.00   | 6190.7        | 5                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | N         |
| 9/8/99  | 0.00   | 6190.7        | 7                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | N         |
| 9/13/99 | 0.00   | 6190.7        | 5                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | N         |
| 9/22/99 | 0.00   | 6190.7        | 9                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | N         |
| 9/29/99 | 0.00   | 6190.7        | 7                 | 0.0              | 45 GPD          | Y         | 17.0                         | 15 GPD          | N         |

## SDM-2 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 5/29/99 |        | 0.0           |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/16/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/29/99 | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |

3rd QTR 99

## SDM-3 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 6/29/99 |        | 0.0           |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/16/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/27/99 | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |

## SDM-4 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 6/29/99 |        | 767.2         |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 767.2         | 7                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 7/16/99 | 0.00   | 767.2         | 10                | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 767.2         | 4                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 767.2         | 6                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 767.2         | 4                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 767.2         | 4                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 767.2         | 9                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 767.2         | 5                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 767.2         | 10                | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 9/1/99  | 0.00   | 767.2         | 5                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 9/8/99  | 0.00   | 767.2         | 7                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 9/13/99 | 0.00   | 767.2         | 5                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 9/22/99 | 0.00   | 767.2         | 9                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |
| 9/27/99 | 0.00   | 767.2         | 7                 | 0.0              | 45 GPD          | Y         | 2.1                          | 15 GPD          | Y         |

3rd QTR 99

## VLT-P1 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT<br>ANNUAL | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|---------------------------|-----------|
| 6/29/99 |        | 0.0           |                   |                  | 150 GPD         |           |                              | 50 GPD                    |           |
| 7/6/99  | 0.00   | 0.0           | 7                 |                  | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 7/16/99 | 0.00   | 0.0           | 10                | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |
| 9/27/99 | 0.00   | 0.0           | 7                 | 0.00             | 150 GPD         | Y         | 0.0                          | 50 GPD                    | Y         |

## VLT-P2 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT<br>ANNUAL | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|---------------------------|-----------|
| 6/29/99 |        | 364.7         |                   |                  | 150 GPD         |           |                              | 50 GPD                    |           |
| 7/6/99  | 0.00   | 364.7         | 7                 |                  | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 7/16/99 | 0.00   | 364.7         | 10                | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 7/20/99 | 0.00   | 364.7         | 4                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 7/26/99 | 0.00   | 364.7         | 6                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 7/30/99 | 0.00   | 364.7         | 4                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 8/3/99  | 0.00   | 364.7         | 4                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 8/12/99 | 0.00   | 364.7         | 9                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 8/17/99 | 0.00   | 364.7         | 5                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 8/27/99 | 0.00   | 364.7         | 10                | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 9/1/99  | 0.00   | 364.7         | 5                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 9/8/99  | 0.00   | 364.7         | 7                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 9/13/99 | 0.00   | 364.7         | 5                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 9/22/99 | 0.00   | 364.7         | 9                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |
| 9/27/99 | 0      | 364.7         | 7                 | 0.00             | 150 GPD         | Y         | 1.0                          | 50 GPD                    | Y         |



3rd QTR 99

## VLT-D1 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              |                 |           |
| 6/29/99 |        | 0.0           |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/13/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/27/99 | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |

## VLT-D2 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              |                 |           |
| 6/29/99 |        | 0.0           |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/13/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/27/99 | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |

## VLT-D3 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              |                 |           |
| 6/29/99 |        | 0.0           |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/13/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/20/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/26/99 | 0.00   | 0.0           | 6                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 7/30/99 | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/3/99  | 0.00   | 0.0           | 4                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/12/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/17/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 8/27/99 | 0.00   | 0.0           | 10                | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/1/99  | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/8/99  | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/13/99 | 0.00   | 0.0           | 5                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/22/99 | 0.00   | 0.0           | 9                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |
| 9/27/99 | 0.00   | 0.0           | 7                 | 0.0              | 45 GPD          | Y         | 0.0                          | 15 GPD          | Y         |

3rd QTR 99

## III-F1 Field Data and Permit Compliance Record

| DATE    | AMOUNT  | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|---------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |         |               |                   |                  | QUARTER         |           |                              | DAILY           |           |
| 6/29/99 |         | 20760.5       |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 547.20  | 21307.7       | 7                 | 78.2             | 45 GPD          | N         | 58.4                         | 15 GPD          | N         |
| 7/16/99 | 661.30  | 21969.0       | 10                | 66.1             | 45 GPD          | N         | 60.2                         | 15 GPD          | N         |
| 7/20/99 | 268.30  | 22237.3       | 4                 | 67.1             | 45 GPD          | N         | 60.9                         | 15 GPD          | N         |
| 7/26/99 | 317.60  | 22554.9       | 6                 | 52.9             | 45 GPD          | N         | 61.8                         | 15 GPD          | N         |
| 7/30/99 | 203.50  | 22758.4       | 4                 | 50.9             | 45 GPD          | N         | 62.4                         | 15 GPD          | N         |
| 8/3/99  | 190.60  | 22949.0       | 4                 | 47.7             | 45 GPD          | N         | 62.9                         | 15 GPD          | N         |
| 8/12/99 | 355.00  | 23304.0       | 9                 | 39.4             | 45 GPD          | Y         | 63.8                         | 15 GPD          | N         |
| 8/17/99 | 190.60  | 23494.6       | 5                 | 38.1             | 45 GPD          | Y         | 64.4                         | 15 GPD          | N         |
| 9/1/99  | 1048.80 | 24543.4       | 15                | 69.9             | 45 GPD          | N         | 67.2                         | 15 GPD          | N         |
| 9/8/99  | 740.90  | 25284.3       | 7                 | 105.8            | 45 GPD          | N         | 69.3                         | 15 GPD          | N         |
| 9/13/99 | 675.20  | 25959.5       | 5                 | 135.0            | 45 GPD          | N         | 71.1                         | 15 GPD          | N         |
| 9/22/99 | 1165.40 | 27124.9       | 9                 | 129.5            | 45 GPD          | N         | 74.3                         | 15 GPD          | N         |
| 9/29/99 | 922.00  | 28046.9       | 5                 | 184.4            | 45 GPD          | N         | 76.8                         | 15 GPD          | N         |

## III-F2 Field Data and Permit Compliance Record

| DATE    | AMOUNT | CUM<br>AMOUNT | NUMBER<br>OF DAYS | DAILY<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT | RUNNING<br>ANNUAL<br>AVERAGE | PERMIT<br>LIMIT | COMPLIANT |
|---------|--------|---------------|-------------------|------------------|-----------------|-----------|------------------------------|-----------------|-----------|
|         |        |               |                   |                  | QUARTER         |           |                              | ANNUAL          |           |
| 6/29/99 |        | 8543.1        |                   |                  | 45 GPD          |           |                              | 15 GPD          |           |
| 7/6/99  | 245.50 | 8788.6        | 7                 | 35.1             | 45 GPD          | Y         | 24.1                         | 15 GPD          | N         |
| 7/16/99 | 367.40 | 9156.0        | 10                | 36.7             | 45 GPD          | Y         | 25.1                         | 15 GPD          | N         |
| 7/20/99 | 157.40 | 9313.4        | 4                 | 39.4             | 45 GPD          | Y         | 25.5                         | 15 GPD          | N         |
| 7/26/99 | 221.80 | 9535.2        | 6                 | 37.0             | 45 GPD          | Y         | 26.1                         | 15 GPD          | N         |
| 7/30/99 | 139.90 | 9675.1        | 4                 | 35.0             | 45 GPD          | Y         | 26.5                         | 15 GPD          | N         |
| 8/3/99  | 128.60 | 9803.7        | 4                 | 32.2             | 45 GPD          | Y         | 26.9                         | 15 GPD          | N         |
| 8/12/99 | 338.20 | 10141.9       | 9                 | 37.6             | 45 GPD          | Y         | 27.8                         | 15 GPD          | N         |
| 8/17/99 | 267.60 | 10409.5       | 5                 | 53.5             | 45 GPD          | N         | 28.5                         | 15 GPD          | N         |
| 9/1/99  | 325.70 | 10735.2       | 15                | 21.7             | 45 GPD          | Y         | 29.4                         | 15 GPD          | N         |
| 9/8/99  | 398.40 | 11133.6       | 7                 | 56.9             | 45 GPD          | N         | 30.5                         | 15 GPD          | N         |
| 9/13/99 | 495.30 | 11628.9       | 5                 | 99.1             | 45 GPD          | N         | 31.9                         | 15 GPD          | N         |
| 9/13/99 | 495.30 | 12124.2       | 5                 | 99.1             | 45 GPD          | N         | 33.2                         | 15 GPD          | N         |
| 9/13/99 | 495.30 | 12619.5       | 5                 | 99.1             | 45 GPD          | N         | 34.6                         | 15 GPD          | N         |